

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/000104

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G10L21/02 G10L11/02 G10L15/24

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/29784 A (CLARITY LLC ; ERTEN GAMZE (US)) 11 April 2002 (2002-04-11)	1,2,4,
Y	abstract; figures 11,13-15	14,15
Y	WO 02/084644 A (DEUTSCHE TELECOM AG) 24 October 2002 (2002-10-24)	3,5-9
	abstract	
	& US 2003/191633 A1 (BERGER JENS) 9 October 2003 (2003-10-09)	5,8,9
	abstract	
Y	US 2003/007633 A1 (WILDIE MARK GREIG ET AL) 9 January 2003 (2003-01-09)	3,6,7
	abstract	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

10 May 2004

Date of mailing of the international search report

28/05/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>GIRIN L ET AL: "NOISY SPEECH ENHANCEMENT BY FUSION OF AUDITORY AND VISUAL INFORMATION: A STUDY OF VOWEL TRANSITIONS" 5TH EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY. EUROSPEECH '97. RHODES, GREECE, SEPT. 22 - 25, 1997, EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY. (EUROSPEECH), GRENOBLE : ESCA, FR, vol. VOL. 5 OF 5, 22 September 1997 (1997-09-22), pages 2555-2558, XP001045210 the whole document</p>	1,2,4

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/000104

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0229784	A	11-04-2002	AU 9645901 A WO 0229784 A1 US 2002116197 A1	15-04-2002 11-04-2002 22-08-2002
WO 02084644	A	24-10-2002	DE 10120168 A1 WO 02084644 A1 EP 1382034 A1 US 2003191633 A1	24-10-2002 24-10-2002 21-01-2004 09-10-2003
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